

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990			TCDD	DTE	TCDD
			TCDD	TCDD	DTE				
ANDROSCOGGIN LAKE									
Wayne	bn trout	f							
	bass	f							
	w perch								
	sucker	w/f							
POCASSET LAKE									
Wayne	bass								
	SMB comp								
	WHP comp								
ANDROSCOGGIN R									
Gilead	rb trout								
	bn trout								
	juv bass								
	bass								
	sucker	w	1.8f/6.5w						
Rumford	bass	f				1.4	2.3-2.8	0.6	1.0-1.2
	juv bass								
	sucker	w						3.0	7.4-8.0
Riley	bass								
	sucker	w	<2.1f/13w						
Jay	bass	f		17.6	24.0-29.1			1.2	1.9-2.3
	sucker	w						5.4	12.9-13.9
Livermore Falls	bass	f				2.4	3.1-3.3	1.1	1.4-1.5
	sucker	w						3.8	7.4-8.0
	sucker comp								
Livermore ALF	bass								
	sucker								
N Turner	sucker	w	6.2f/30w						
Auburn-GIP	bass	f	3.7f/24w					1.7	2.6-2.8
	lm bass	f						1.1	1.6-1.8
	sucker	w	8.3f/29w					5.6	14.3-15.4
	bullhead	w	7.8f/29.6w						
Lisbon Falls	bn trout	f		5.3	6.5-6.9				
	bass	f		4.5	5.5-5.8			0.7	1.0
	sucker	w	5.1f/12w					3.4	8.1-8.7
Brunswick	sucker	w	19.0						
	carp	f	11.0						

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WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990	TCDD	DTE	TCDD	DTE	TCDD
BEARCE LAKE									
Baring	pickerel	f	<0.1						
BRAVE BOAT HARBOR									
Kittery	lobster	m							
	lobster	t							
BROOKLYN									
	lobster	m							
	lobster	t							
COREA									
	lobster	t							
JONES CREEK									
Scarborough	clam	m						<0.1	0.02-0.3
KENNEBEC R									
Madison	bn trout	f							
	bass	f						<0.1	0.02-0.1
	sucker	w						0.1	0.3
Norridgewock	bass								
	bn trout								
Fairfield	sucker								
	bass	f				1.4	1.6-1.7	0.6	0.6-0.7
	trout	f		6.2	6.9-8.0			1.4	1.6-1.8
Sidney	sucker	w	6.4	10.3	16.8-18.1			2.0	3.1-3.3
	bass	f	20.3w			1.0	1.4-2.4	0.4	0.6-1.0
	bn trout								
Augusta	sucker	w	1.2f/11.4w					2.7	4.4-4.8
	bn trout	f		2.2	2.9-4.9			1.9	2.5-4.3
	bass	f						0.4	0.6-1.0
Hallowell	sucker	w		5.0	7.3-8.4			1.5	2.6-2.8
	smelt	c						0.2	0.5-0.8
Richmond	eel	f							
Phippsburg	clam	m						0.3	0.6-0.9
	lobster	m							
	lobster	t							

MESSALONSKEE LAKE

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WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990	TCDD	DTE	TCDD	DTE	TCDD
Belgrade	bass					<0.09	0.04-0.3		
NARRAGUAGUS R									
Cherryfield	fallfish	w	<1.0						
NORTH POND									
Chesterfield	sucker	w	0.4						
	pickerel	f	<0.1						
PENOBSCOT R									
E Br Grindstone	bass	f		<0.1	0.09-0.2				
	sucker	w		<0.4	0.02-0.6				
E Millinocket	bass	f		<0.2	0.4-0.8				
	sucker	w		0.7	3.6-4.2				
Woodville	bass								
	sucker								
Winn	bass								
	sucker								
N Lincoln	bass	f		<0.4	0.2-0.8				
	sucker	w		<0.5-20.8	2.0-41.6				
S Lincoln	bass	f	5.0	1.7	2.3-2.7	0.9	1.2-1.3	0.7	1.0-1.2
	sucker	w		37.0	66.4-67.2			3.3	6.8
Passadumkeag	bass	f		1.8	2.9				
	sucker	w		2.8	7.6-7.7				
Milford	bass	f		0.9	1.4-1.7			0.3	0.4-0.5
	sucker	w		9.7	19.9-20.1			2.2	4.6
Veazie	bass	f	4.6w	1.9	2.4-2.6	1.2	1.5-1.7	0.4	0.6
	sucker	w	2.6f/7.6w	5.9	9.8-9.9	2.5	4.9-5.0	2.2	4.8-4.9
Bangor	eel	f							
Bucksport	clam	m						0.1	0.8-0.9
Stockton Spring	lobster	m							
	lobster	t							
OWLS HEAD	mussel	m	<0.8						
PISCATAQUIS R									
Sangerville	bass	f				<0.2	0.03-0.3		
	bn trout	f				<0.4	0.03-0.4		
	sucker	w				0.26	0.6-0.7		
Howland	bass	f		<0.2	0.02-0.6				

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WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990					
			TCDD	TCDD	DTE	TCDD	DTE	TCDD	DTE
PRESUMPCOT R									
Windham	bass	f							
	sucker	w							
Westbrook	bass	f		1.8	2.4-4.5	0.2	0.2-0.4	0.1	0.2-0.4
	pickerel	f		<2.6	0.06-5.9				
	w perch	f		1.2	2.5-3.1	0.4	0.9-1.0		
	sucker	w	5.2	5.1	8.2-9.6	0.6	1.6-1.7	0.3	0.8-0.9
Falmouth	clam	m						<0.1	0.2-0.4
Portland	lobster	m							
	lobster	t							
ST CROIX R									
Woodland	bass	f							
	sucker								
Baring	bass			0.3	0.5-1.0	<0.1	0.04-0.3		
	sucker	w	<0.7	0.6	1.0-1.1				
Robbinston	lobster	t							
ST JOHN R									
Frenchville	sucker	w							
Madawaska	y perch	f		<0.5	0.08-0.8				
	bk trout	f							
	sucker	w							
SACO R									
Dayton	sucker	w	<0.3						
SACO BAY									
Scarborough	lobster	m							
	lobster	t							
SALMON FALLS R									
Acton	lm bass								
	sucker								
S Berwick	bass	f		0.4	0.5-0.6				
	lm bass								
	pickerel	f		0.2	0.3				
	sucker	w		1.5	2.1-2.2			2.4	3.4-3.6

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990			TCDD	DTE	TCDD
			TCDD	TCDD	DTE	TCDD	DTE	TCDD	DTE
SANDY P	bass	f	<1.0						
SEBAGO L Naples	bass	w	<0.6						
SEBASTICOOK R E Br Corinna	lm bass								
	bass								
	sucker								
Newport	bass	f						0.1	0.3-0.4
	lm bass	f	<0.2					<0.2	0.2-0.4
	w perch	f		1.0	1.6-2.1				
Sebastcook L	bass	f							
	w perch	f							
Detroit	bass	f							
Burnham	bass								
W Br Harmony	bass								
	sucker								
W Br Palmyra	bass	f		1.2	1.4-1.8			0.4	0.5-0.6
	pickerel	f	<0.1					0.2	0.2
	sucker	w	1.6	3.3	4.3-4.6			1.1	1.4-1.6
WEBBER POND Vassalboro	bass	f						<0.08	0.04-0.4

f=fillet
m=meat
t=tomalley
w=whole

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WATER/STATION	SPECIES	TISSUE	NDS/NBS	MAINE		19 91		19 92	
			1984-86	1988- 1990		TCDD	DTE	TCDD	DTE
			TCDD	TCDD	DTE	TCDD	DTE	TCDD	DTE

DTE= dioxin toxic equivalents using WHO 98 toxic equivalency factors (TEF).

Range shown at nd=0 and nd=mdl, ie DTEo-DTEd

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96		
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE	
ANDROSCOGGIN LAKE											
Wayne	bn trout	f							0.7	1.1-2.3	
	bass	f							0.6	1.2-2.2	
	w perch										
	sucker	w/f							w 0.4	1.4-2.5	
POCASSET LAKE											
Wayne	bass										
	SMB comp										
	WHP comp										
ANDROSCOGGIN R											
Gilead	rb trout							1.2	2.4-2.9	0.9	2.0-2.6
	bn trout									0.4	1.0-1.5
	juv bass										
	bass							0.9	3.8-4.1		
Rumford	sucker	w						1.7	6.1-6.7	0.7	4.4-5.3
	bass	f	2.9	4.5-5.4	3.8	5.7-6.2	2.2	3.5-4.1			
	juv bass										
Riley	sucker	w	5.8	13.6-14.6	4.0	11.4-11.9			0.8	4.1-5.2	
	bass										
Jay	sucker	w									
	bass	f	1.4	1.8-2.2	1.6	2.2-2.8			0.5	1.3-1.4	
Livermore Falls	sucker	w	4.5	10.9-11.8	4.7	11.5-12.3	2.3	6.9-7.6			
	bass	f	1.4	1.6-1.8	1.4	1.6-2.3	0.5	0.8-1.3			
	sucker	w	3.6	6.8-7.3	2.2	4.8-5.3			0.6	3.4-3.9	
	sucker comp										
Livermore ALF	bass										
	sucker										
N Turner	sucker	w									
Auburn-GIP	bass	f	1.2	1.8-1.9	1.3	2.0-2.7			0.6	2.1-2.5	
	lm bass	f									
	sucker	w	3.7	9.0-9.8	1.6	4.4-5.4	1.4	3.8-5.0			
	bullhead	w	2.1	3.0-3.3	1.3	2.3-2.8					
Lisbon Falls	bn trout	f									
	bass	f	1.2	1.7-1.8	0.6	0.8-1.7	0.9	1.4-2.4			
	sucker	w	2.7	6.1-6.6	2.4	5.8-6.2			0.7	1.6-2.8	
Brunswick	sucker	w									
	carp	f									

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WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE
BEARCE LAKE										
Baring	pickerel	f								
BRAVE BOAT HARBOR										
Kittery	lobster	m			<0.1	<0.1-1.2			1.7	13.8-15.5
	lobster	t			1.3	9.7-11.5	1.6	6.7-9.9		
BROOKLYN	lobster	m					0.8	4.9-8.2		
	lobster	t								
COREA	lobster	t							0.6	6.6-7.3
JONES CREEK										
Scarborough	clam	m								
KENNEBEC R										
Madison	bn trout	f					<0.1	0.1-0.7		
	bass	f							<0.1	0.1-0.8
	sucker	w					0.1	0.3-1.0	<0.1	0.3-1.0
Norridgewock	bass									
	bn trout									
Fairfield	sucker									
	bass	f	1.5	1.7-2.0	0.9	1.1-1.8				
	trout	f	1.4	1.6-1.9	2.2	2.5-3.8	1.6	1.7-2.5		
Sidney	sucker	w	1.6	2.2-2.6	2.2	2.9-3.8			1.6	2.1-2.7
	bass	f	0.6	0.8-1.4	0.3	0.4-1.3			0.2	0.4-1.0
	bn trout									
Augusta	sucker	w	1.5	2.5-2.7	2.3	3.0-4.0	1.2	1.7-2.5		
	bn trout	f					1.0	1.3-3.5		
	bass	f	0.6	0.9-1.5	1.0	1.3-3.7				
Hallowell	sucker	w	1.9	3.3-3.6	2.3	4.0-5.8			2.2	2.6-3.3
	smelt	c								
Richmond	eel	f	0.6	0.8-1.4						
Phippsburg	clam	m								
	lobster	m	0.2	0.3-1.2	<0.1	<0.1-1.6				
	lobster	t	7.9	27.5-27.6	6.5	23.4-26.6	4.6	13.5-17.1	3.6	16.7-18.6

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WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE
Belgrade	bass									
NARRAGUAGUS R										
Cherryfield	fallfish	w								
NORTH POND										
Chesterfield	sucker	w								
	pickerel	f								
PENOBSCOT R										
E Br Grindstone	bass	f					<0.1	0.1-0.7	<0.1	0.1-0.8
	sucker	w					<0.1	0.1-0.6	<0.1	0.1-0.8
E Millinocket	bass	f								
	sucker	w								
Woodville	bass									
	sucker									
Winn	bass									
	sucker									
N Lincoln	bass	f								
	sucker	w								
S Lincoln	bass	f	1.2	1.6-1.8	0.4	0.4-1.7	0.5	0.7-1.3	0.3	0.5-1.2
	sucker	w	1.7	3.5-3.6	2.2	5.8-6.1			1.6	2.2-3.2
Passadumkeag	bass	f								
	sucker	w								
Milford	bass	f								
	sucker	w								
Veazie	bass	f	0.6	0.8-1.0	0.2	0.2-1.3	0.3	0.4-1.9	0.3	0.3-1.5
	sucker	w	1.1	2.7-3.0	0.6	1.6-2.8	0.5	1.4-2.5	0.4	0.9-2.0
Bangor	eel	f	1.0	1.1-1.2					0.3	0.4-1.5
Bucksport	clam	m								
Stockton Spring	lobster	m	0.1	0.3-1.1	<0.1	0.1-1.0			0.9	12.5-13.2
	lobster	t	4.0	28.0	2.3	18.1-27.9	1.3	7.2-14.6		
OWLS HEAD	mussel	m								
PISCATAQUIS R										
Sangerville	bass	f								
	bn trout	f								
	sucker	w								
Howland	bass	f								

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WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE
PRESUMPSCOT R										
Windham	bass	f	<0.1	<0.1-0.3	<0.1	<0.1-1.1			<0.1	0.5-1.5
	sucker	w	0.3	0.7-0.8	0.2	1.4-2.4	0.3	2.4-7.7		
Westbrook	bass	f	<0.2	0.1-0.5	0.2	0.3-1.2			0.2	0.4-0.9
	pickerel	f								
	w perch	f								
Falmouth	sucker	w	1.1	1.8-2.3	0.9	2.1-3.7	0.8	1.6-2.6		
	clam	m								
Portland	lobster	m	<0.1	0.1-0.8	<0.1	0.2-1.0			2.7	18.9-21.6
	lobster	t	3.4	18.5-18.7	2.5	17.2-21.3	2.2	9.5-12.8		
ST CROIX R										
Woodland	bass	f								
	sucker									
Baring	bass									
	sucker	w								
Robbinston	lobster	t						1.0	10.2-11.2	
ST JOHN R										
Frenchville	sucker	w			0.1	0.2-1.0				
Madawaska	y perch	f								
	bk trout	f			<0.3	<0.1-2.3				
	sucker	w			<0.1	0.2-0.8				
SACO R										
Dayton	sucker	w								
SACO BAY										
Scarborough	lobster	m	<0.1	0.1-0.8	<0.1	<0.1-0.8				
	lobster	t	2.0	11.3-14.6	1.3	9.7-12.0				
SALMON FALLS R										
Acton	lm bass						<0.1	<0.1-0.7	<0.1	0.1-1.0
	sucker									
S Berwick	bass	f	0.2	0.2-0.9	0.5	0.7-3.3	0.4	0.4-4.0		
	lm bass									
	pickerel	f								
	sucker	w	1.9	3.6-3.8	2.1	4.7-6.1			2.0	3.2-4.5

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WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE
SANDY P	bass	f								
SEBAGO L Naples	bass	w								
SEBASTICOOK R E Br Corinna	lm bass bass sucker						0.1	0.2-1.1		
Newport	bass	f								
	lm bass	f				0.3	1.1-2.0			
	w perch	f							0.3	1.6-2.3
Sebastcook L	bass	f								
	w perch	f								
Detroit Burnham	bass	f								
W Br Harmony	bass sucker						<0.1	0.1-0.8		
W Br Palmyra	bass	f	0.9	1.2-1.6	0.4	0.4-1.3	0.8	1.7-2.2	0.1	0.1-1.2
	pickerel	f								
	sucker	w	1.0	2.6-2.7	1.2	4.0-4.3			1.2	2.2-3.6
WEBBER POND Vassalboro	bass	f								

f=fillet
m=meat
t=tomalley
w=whole

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 93		19 94		19 95		19 96	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	DTE
DTE= dioxin toxic equivalents us										
Range shown at nd=0 and nd=mdl, :										

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD
ANDROSCOGGIN LAKE									
Wayne	bn trout	f							
	bass	f			0.2	0.4-1.0	0.1	0.2-0.8	<0.1
	w perch				0.5	0.6-1.2	0.2	0.3-0.9	0.2
	sucker	w/f			w 0.4	0.9-1.1			w <0.1
POCASSET LAKE									
Wayne	bass								
	SMB comp								
	WHP comp								
ANDROSCOGGIN R									
Gilead	rb trout		0.5	1.6-2.1	0.4	1.5-2.0	0.7	1.7-2.3	0.4
	bn trout						0.4	1.0-1.5	0.1
	juv bass								
	bass						0.4	1.4-1.5	0.2
	sucker	w	0.5	3.4-3.8	0.9	3.1-3.5	0.8	2.9-3.3	0.3
Rumford	bass	f	0.5	1.2-1.8	0.4	1.1-1.5	0.6	1.5-1.9	0.2
	juv bass								
Riley	sucker	w	0.5	3.6-4.9	0.4	3.0-3.4	0.4	2.8-3.2	0.3
	bass		0.3	1.1-2.2	0.2	0.8-1.0	<0.1	0.6-0.9	<0.1
Jay	sucker	w	0.5	3.8-4.8	0.3	2.5-2.8	0.3	2.6-2.8	
	bass	f							
Livermore Falls	sucker	w							
	bass	f	0.3	1.2-1.4	0.2	1.1-1.2	0.2	0.9-1.2	0.2
	sucker	w	0.5	2.8-2.9	0.5	2.8-2.9	0.4	2.4	
Livermore ALF	sucker comp								
	bass								
N Turner	sucker	w							
	sucker								
Auburn-GIP	bass	f	0.4	2.0-2.2	0.4	1.6-1.8	0.4	1.6-1.8	0.1
	lm bass	f							
	sucker	w							
	bullhead	w							
Lisbon Falls	bn trout	f							
	bass	f	0.6	1.3-1.8	0.5	1.1-1.5	0.7	1.7-2.1	0.2
	sucker	w							
Brunswick	sucker	w							
	carp	f							

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD
BEARCE LAKE									
Baring	pickerel	f							
BRAVE BOAT HARBOR									
Kittery	lobster	m							
	lobster	t							
BROOKLYN									
	lobster	m							
	lobster	t							
COREA									
	lobster	t							
JONES CREEK									
Scarborough	clam	m							
KENNEBEC R									
Madison	bn trout	f							
	bass	f	<0.2	0.03-1.6					
	sucker	w	<0.1	0.2-0.8					
Norridgewock	bass				<0.1	0.03-0.6	<0.1	0.03-0.7	<0.1
	bn trout								<0.1
	sucker				<0.1	0.2-0.7	<0.1	0.03-0.7	<0.1
Fairfield	bass	f	0.6	0.6-1.2	0.3	0.4-1.0	0.4	0.4-1.0	0.4
	trout	f	1.2	1.3-1.9					
	sucker	w	1.2	1.7-2.1	0.9	1.4-1.8	0.3	0.4-1.0	0.4
Sidney	bass	f	0.2	0.3-0.9					0.2
	bn trout								0.3
	sucker	w							
Augusta	bn trout	f	0.6	1.0-1.3					
	bass	f	0.5	0.8-1.6	0.3	0.6-0.9	0.3	0.6-0.9	
	sucker	w							
Hallowell	smelt	c							
Richmond	eel	f							
Phippsburg	clam	m							
	lobster	m							
	lobster	t							

MESSALONSKEE LAKE

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20	
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD	
Belgrade	bass									
NARRAGUAGUS R										
Cherryfield	fallfish	w								
NORTH POND										
Chesterfield	sucker	w								
	pickerel	f								
PENOBSCOT R										
E Br Grindstone	bass	f	<0.1	0.04-0.7	<0.1	0.04-0.7				
	sucker	w	<0.1	0.07-0.7	<0.1	0.07-0.7				
E Millinocket	bass	f	<0.1	0.04-0.7	<0.1	0.04-0.7				
	sucker	w	<0.1	0.09-0.7	<0.1	0.09-0.7				
Woodville	bass		<0.1	0.07-0.7	<0.1	0.06-0.7	<0.1	0.08-0.7	<0.1	
	sucker		<0.1	0.09-0.7	<0.1	0.08-0.7	<0.1	0.1-0.7	<0.1	
Winn	bass						<0.1	0.2-0.8	<0.1	
	sucker						<0.1	0.2-0.9	<0.1	
N Lincoln	bass	f								
	sucker	w								
S Lincoln	bass	f	0.2	0.4-1.0	0.2	0.4-0.9	0.4	0.6-1.0	0.2	
	sucker	w	1.2	1.6-2.2	1.0	1.4-2.0	1.0	1.4-1.6	0.7	
Passadumkeag	bass	f								
	sucker	w								
Milford	bass	f	0.2	0.4-0.9	0.2	0.2-0.8	0.1	0.4-0.7	0.2	
	sucker	w	1.0	1.6-2.0	1.0	1.5-2.0	1.0	1.5-1.6	0.8	
Veazie	bass	f	0.3	0.4-0.9	0.2	0.3-0.9	0.3	0.4-0.9	0.4	
	sucker	w	1.1	1.3-1.9	1.0	1.2-1.8	1.1	1.3-1.7	0.9	
Bangor	eel	f								1.6
Bucksport	clam	m								
Stockton Spring	lobster	m								
	lobster	t								
OWLS HEAD	mussel	m								
PISCATAQUIS R										
Sangerville	bass	f								
	bn trout	f								
	sucker	w								
Howland	bass	f								

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD
PRESUMPSCOT R									
Windham	bass	f	<0.1	0.5-0.7	<0.1	0.4-0.8			<0.1
	sucker	w	0.2	1.2-1.4	0.2	1.2-1.4			
Westbrook	bass	f	0.1	0.4-0.9	<0.1	0.3-0.8			<0.1
	pickerel	f							
	w perch	f							
Falmouth	sucker	w	0.2	1.6-2.0	0.2	1.6-2.0			
	clam	m							
Portland	lobster	m							
	lobster	t							
ST CROIX R									
Woodland	bass	f	<0.1	0.02-0.7	<0.1	0.06-0.7	<0.1	0.06-0.7	
	sucker		<0.1	0.09-0.7	<0.1	0.08-0.7	<0.1	0.07-0.7	
Baring	bass		<0.1	0.03-0.7	<0.1	0.05-0.7	<0.1	0.05-0.7	
	sucker	w	<0.1	0.07-0.8	<0.1	0.08-0.8	<0.1	0.08-0.7	
Robbinston	lobster	t							
ST JOHN R									
Frenchville	sucker	w							
Madawaska	y perch	f							
	bk trout	f							
	sucker	w							
SACO R									
Dayton	sucker	w							
SACO BAY									
Scarborough	lobster	m							
	lobster	t							
SALMON FALLS R									
Acton	lm bass								
	sucker								
S Berwick	bass	f	0.2	0.3-0.6			0.1	0.3-0.6	0.1
	lm bass						0.2	0.5-0.8	
	pickerel	f	0.6	0.8-1.0					
	sucker	w							

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD
SANDY P	bass	f							
SEBAGO L Naples	bass	w							
SEBASTICOOK R E Br Corinna	lm bass		<0.1	0.1-0.7					
	bass								
	sucker								
Newport	bass	f	0.2	1.2-1.4					
	lm bass	f							
	w perch	f							
Sebastcook L	bass	f							0.1
	w perch	f							0.2
Detroit Burnham	bass	f							
W Br Harmony	bass		<0.1	0.06-0.7					
	sucker								
W Br Palmyra	bass	f	0.3	0.6-0.9	0.2	0.5-0.8	0.2	0.6-0.8	0.1
	pickerel	f							
	sucker	w							
WEBBER POND Vassalboro	bass	f							

f=fillet
m=meat
t=tomalley
w=whole

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	19 97		19 98		19 99		20
			TCDD	DTE	TCDD	DTE	TCDD	DTE	TCDD
DTE= dioxin toxic equivalents us									
Range shown at nd=0 and nd=mdl, :									

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
ANDROSCOGGIN LAKE										
Wayne	bn trout	f								
	bass	f	0.02-1.3		<0.1	0.1-0.8	<0.1	0.3-1.3	0.2	0.8-1.0
	w perch		0.2-0.8		0.1	0.2-0.7	<0.1	0.4-1.4	0.1	0.7-0.9
	sucker	w/f	0.1-1.1	f	<0.1	0.1-0.7				
POCASSET LAKE										
Wayne	bass						<0.1	<0.1-1.2	<0.1	<0.1-0.5
	SMB comp								<0.1	0.2-0.5
	WHP comp								<0.1	0.3-0.6
ANDROSCOGGIN R										
Gilead	rb trout		0.9-1.4		0.8	2.1-2.5				
	bn trout		0.4-1.0		0.8	2.5-2.7				
	juv bass						<0.1	1.9-2.8		
	bass		0.8-1.2		0.3	1.0-1.4	<0.1	1.4-2.3	0.1	1.1-1.4
	sucker	w	1.8-2.2		0.1	0.7-1.1	0.1	1.4-2.2	<0.1	1.2-1.5
Rumford	bass	f	0.6-1.1		0.2	0.5-1.0	0.1	0.6-1.5	<0.1	0.6-0.9
	juv bass						<0.1	0.8-1.4		
	sucker	w	1.9-2.3		0.3	2.0-2.4	<0.1	0.4-1.5	0.2	1.8-2.1
Riley	bass		0.2-0.6		0.2	0.8-1.0	<0.1	0.2-1.3	<0.1	0.3-0.7
	sucker	w			0.3	1.9-2.1	0.1	0.6-1.6	0.2	1.9-2.1
Jay	bass	f								
	sucker	w								
Livermore Falls	bass	f	0.6-1.0		0.3	0.9-1.4	0.1	0.3-1.4	<0.1	0.2-0.6
	sucker	w			0.3	1.6-1.7	0.2	0.9-1.9	0.3	1.6-1.9
	sucker comp								0.2	1.5-1.7
Livermore ALF	bass								<0.1	0.2-0.6
	sucker								0.1	0.6-0.9
N Turner	sucker	w								
Auburn-GIP	bass	f	0.4-0.9		0.2	0.4-0.9	0.1	0.2-1.3		
	lm bass	f								
	sucker	w			0.2	0.6-0.9	0.3	0.8-1.2		
	bullhead	w								
Lisbon Falls	bn trout	f								
	bass	f	0.5-1.0		0.4	0.9-1.3				
	sucker	w								
Brunswick	sucker	w								
	carp	f								

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
BEARCE LAKE										
Baring	pickereel	f								
BRAVE BOAT HARBOR										
Kittery	lobster	m								
	lobster	t								
BROOKLYN	lobster	m								
	lobster	t								
COREA	lobster	t								
JONES CREEK										
Scarborough	clam	m								
KENNEBEC R										
Madison	bn trout	f			<0.1	<0.1-0.7				
	bass	f								
	sucker	w								
Norridgewock	bass		0.05-0.7		<0.1	0.1-0.8	<0.1	<0.1-1.3	<0.1	<0.1-0.5
	bn trout		0.04-0.7				<0.1	<0.1-1.0		
	sucker		0.05-0.7		<0.1	<0.1-0.7			<0.1	<0.1-0.5
Fairfield	bass	f	0.5-1.1		0.2	0.4-0.9	<0.1	<0.1-1.2	<0.1	<0.1-0.5
	trout	f			1.0	1.2-1.8	0.1	0.1-1.0		
	sucker	w	0.5-1.0		0.3	0.5-1.1			0.2	0.3-0.6
Sidney	bass	f	0.2-0.8		0.2	0.4-0.9	0.1	<0.1-1.3		
	bn trout		0.3-0.8		0.4	0.5-1.1				
	sucker	w								
Augusta	bn trout	f								
	bass	f								
	sucker	w								
Hallowell	smelt	c								
Richmond	eel	f								
Phippsburg	clam	m								
	lobster	m								
	lobster	t								

MESSALONSKEE LAKE

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
Belgrade	bass									
NARRAGUAGUS R										
Cherryfield	fallfish	w								
NORTH POND										
Chesterfield	sucker	w								
	pickerel	f								
PENOBSCOT R										
E Br Grindstone	bass	f								
	sucker	w								
E Millinocket	bass	f								
	sucker	w								
Woodville	bass		0.1-0.7		<0.1	0.1-0.7	<0.1	<0.1-1.0	<0.1	<0.1-0.6
	sucker		0.1-0.7		<0.1	0.1-0.7	<0.1	1.6-1.9	<0.1	0.5-0.8
Winn	bass		0.1-0.7		<0.1	<0.1-0.7	<0.1	<0.1-1.2	<0.1	<0.1-0.5
	sucker		0.1-0.8		<0.1	<0.1-0.7	0.2	1.1-1.8	<0.1	0.3-0.6
N Lincoln	bass	f								
	sucker	w								
S Lincoln	bass	f	0.3-0.9		0.4	0.5-1.1	<0.1	<0.1-1.2	<0.1	<0.1-0.5
	sucker	w	1.0-1.5		0.3	0.5-1.1	0.3	1.6-2.0	0.1	0.6-0.8
Passadumkeag	bass	f								
	sucker	w								
Milford	bass	f	0.3-0.9		0.3	0.5-1.1	<0.1	<0.1-1.2	<0.1	<0.1-0.5
	sucker	w	1.1-1.6		0.4	0.5-1.0	0.3	1.0-1.7	<0.1	0.3-0.7
Veazie	bass	f	0.5-1.1		0.2	0.3-0.8	<0.1	<0.1-1.2	<0.1	<0.1-0.5
	sucker	w	1.2-1.7		1.3	1.7-2.2	0.4	1.4-2.0	0.1	0.2-0.6
Bangor	eel	f	2.0-2.5		1.1	1.5-2.0	0.1	0.2-1.3		
							<0.1	0.1-1.3		
Bucksport	clam	m								
Stockton Spring	lobster	m								
	lobster	t								
OWLS HEAD	mussel	m								
PISCATAQUIS R										
Sangerville	bass	f								
	bn trout	f								
	sucker	w								
Howland	bass	f								

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
PRESUMPCOT R										
Windham	bass	f	0.1-0.7		<0.1	0.1-0.7	<0.1	<0.1-1.5		
	sucker	w			0.2	1.4-1.5	<0.1	0.1-1.3		
Westbrook	bass	f	0.2-0.8		<0.1	<0.1-0.7	<0.1	<0.1-1.2		
	pickerel	f								
	w perch	f								
	sucker	w			0.2	1.3-1.7	<0.1	0.1-1.3		
Falmouth	clam	m								
Portland	lobster	m								
	lobster	t								
ST CROIX R										
Woodland	bass	f								
	sucker									
Baring	bass									
	sucker	w								
Robbinston	lobster	t								
ST JOHN R										
Frenchville	sucker	w								
Madawaska	y perch	f								
	bk trout	f								
	sucker	w								
SACO R										
Dayton	sucker	w								
SACO BAY										
Scarborough	lobster	m								
	lobster	t								
SALMON FALLS R										
Acton	lm bass									
	sucker									
S Berwick	bass	f	0.2-0.8		0.2	0.4-0.8	0.1	0.1-1.2		
	lm bass									
	pickerel	f								
	sucker	w								

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
SANDY P	bass	f								
SEBAGO L Naples	bass	w								
SEBASTICOOK R E Br Corinna	lm bass bass sucker									
Newport	bass	f			0.1	0.6-0.9				
	lm bass	f								
	w perch	f								
Sebastcook L	bass	f	0.5-0.8							
	w perch	f	0.8-0.9							
Detroit Burnham	bass	f			0.1	0.2-0.8				
W Br Harmony	bass sucker									
W Br Palmyra	bass	f	0.4-2.7		0.2	0.5-0.8	0.3	0.4-1.2	0.4	0.9-1.1
	pickarel	f								
	sucker	w								
WEBBER POND Vassalboro	bass	f								

f=fillet
m=meat
t=tomalley
w=whole

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	00		20 01		20 02		20 03	
			DTE		TCDD	DTE	TCDD	DTE	TCDD	DTE
DTE= dioxin toxic equivalents us										
Range shown at nd=0 and nd=mdl, :										

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
ANDROSCOGGIN LAKE						
Wayne	bn trout	f				
	bass	f	<0.1	0.2-0.4	<0.1	0.1-0.3
	w perch		<0.1	0.4-0.8	0.1	0.8-0.9
	sucker	w/f				
POCASSET LAKE						
Wayne	bass					
	SMB comp					
	WHP comp					
ANDROSCOGGIN R						
Gilead	rb trout		<0.1	0.8-1.1	<0.1	1.0-1.2
	bn trout					
	juv bass					
	bass		0.1	1.6-1.8		
	sucker	w	<0.1	1.2-1.5		
Rumford	bass	f	<0.1	0.3-0.5	0.1	0.4-0.5
	juv bass					
	sucker	w	<0.1	1.0-1.2		
Riley	bass		<0.1	0.2-0.3		
	sucker	w	0.3	2.8-2.9	0.3	2.8-2.9
Jay	bass	f				
	sucker	w				
Livermore Falls	bass	f	<0.1	0.2-0.3		
	sucker	w	0.3	1.8-1.9	0.2	1.1-1.3
	sucker comp					
Livermore ALF	bass					
	sucker					
N Turner	sucker	w				
Auburn-GIP	bass	f	0.1	0.4-0.6	<0.1	0.2-0.5
	lm bass	f				
	sucker	w				
	bullhead	w				
Lisbon Falls	bn trout	f				
	bass	f	0.1	0.2-0.3		
	sucker	w				
Brunswick	sucker	w				
	carp	f				

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
BEARCE LAKE						
Baring	pickerel	f				
BRAVE BOAT HARBOR						
Kittery	lobster	m				
	lobster	t				
BROOKLYN	lobster	m				
	lobster	t				
COREA	lobster	t				
JONES CREEK						
Scarborough	clam	m				
KENNEBEC R						
Madison	bn trout	f				
	bass	f				
	sucker	w				
Norridgewock	bass		<0.1	<0.1-0.2		
	bn trout					
Fairfield	sucker		<0.1	0.2-0.4		
	bass	f	<0.1	<0.1-0.2		
Sidney	trout	f			<0.1	<0.1-0.2
	sucker	w	0.1	0.2-0.4	<0.1	<0.1-0.3
	bass	f				
Augusta	bn trout	f				
	bass	f				
Hallowell	sucker	w				
	smelt	c				
Richmond	eel	f				
	clam	m				
Phippsburg	lobster	m				
	lobster	t				

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
Belgrade	bass					
NARRAGUAGUS R						
Cherryfield	fallfish	w				
NORTH POND						
Chesterfield	sucker	w				
	pickerel	f				
PENOBSCOT R						
E Br Grindstone	bass	f				
	sucker	w				
E Millinocket	bass	f				
	sucker	w				
Woodville	bass		<0.1	<0.1-0.2	<0.1	<0.1-0.3
	sucker		<0.1	<0.1-0.3	<0.1	0.3-0.5
Winn	bass					
	sucker					
N Lincoln	bass	f				
	sucker	w				
S Lincoln	bass	f	<0.1	<0.1-0.2	<0.1	<0.1-0.3
	sucker	w	<0.1	<0.1-0.3	<0.1	0.2-0.4
Passadumkeag	bass	f				
	sucker	w				
Milford	bass	f	<0.1	<0.1-0.2		
	sucker	w	<0.1	0.3-0.4		
Veazie	bass	f	<0.1	<0.1-0.2	<0.1	0.1-0.2
	sucker	w	<0.1	0.2-0.3	<0.1	0.3-0.5
Bangor	eel	f				
Bucksport	clam	m				
Stockton Spring	lobster	m				
	lobster	t				
OWLS HEAD	mussel	m				
PISCATAQUIS R						
Sangerville	bass	f				
	bn trout	f				
	sucker	w				
Howland	bass	f				

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
PRESUMPCOT R						
Windham	bass	f				
	sucker	w				
Westbrook	bass	f				
	pickerel	f				
	w perch	f				
	sucker	w				
Falmouth	clam	m				
Portland	lobster	m				
	lobster	t				
ST CROIX R						
Woodland	bass	f				
	sucker					
Baring	bass					
	sucker	w				
Robbinston	lobster	t				
ST JOHN R						
Frenchville	sucker	w				
Madawaska	y perch	f				
	bk trout	f				
	sucker	w				
SACO R						
Dayton	sucker	w				
SACO BAY						
Scarborough	lobster	m				
	lobster	t				
SALMON FALLS R						
Acton	lm bass					
	sucker					
S Berwick	bass	f				
	lm bass					
	pickerel	f				
	sucker	w				

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
SANDY P	bass	f				
SEBAGO L Naples	bass	w				
SEBASTICOOK R E Br Corinna	lm bass bass sucker					
Newport	bass	f	0.1	0.7-0.8		
	lm bass	f				
	w perch	f				
Sebastcook L	bass	f	<0.1	0.4-0.6		
	w perch	f				
Detroit	bass	f				
Burnham	bass		0.2	0.4-0.5	0.1	0.2-0.4
W Br Harmony	bass sucker					
W Br Palmyra	bass	f	0.5	1.2-1.3	0.1	0.2-0.4
	pickerel	f				
	sucker	w				
WEBBER POND Vassalboro	bass	f				

f=fillet
m=meat
t=tomalley
w=whole

APPENDIX 7. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-1995 (pg/g)

WATER/STATION	SPECIES	TISSUE	20 04		20 05	
			TCDD	DTE	TCDD	DTE
DTE= dioxin toxic equivalents us						
Range shown at nd=0 and nd=mdl, i						